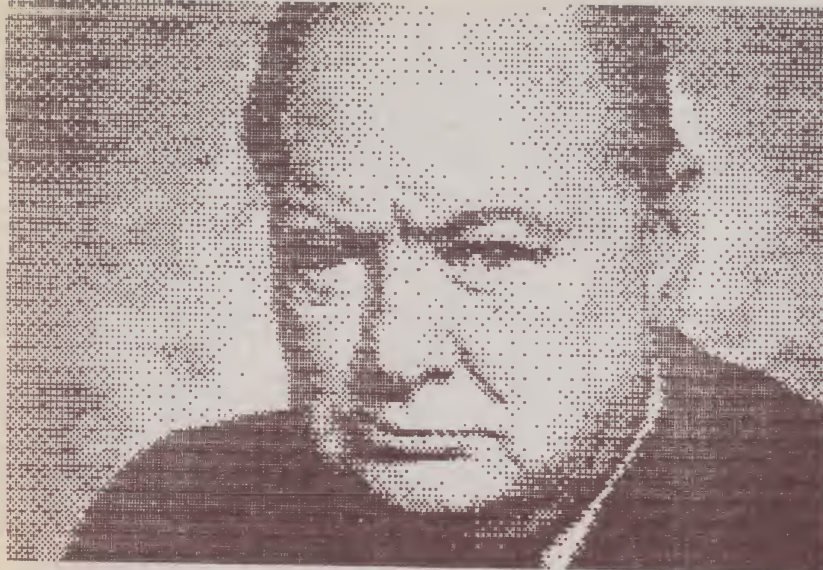


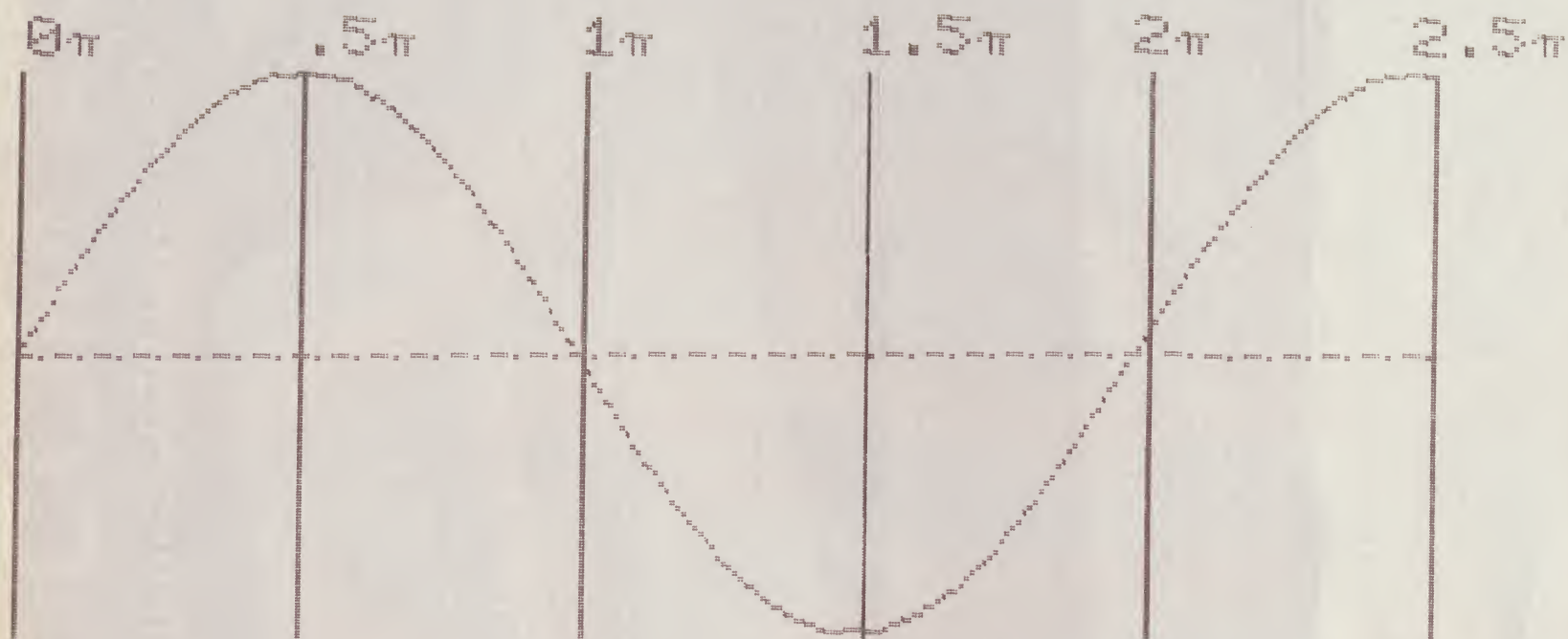


★ fm Trendcom Mar 80
← NB plot dot setup

THIS PICTURE OF WINSTON CHURCHILL WAS PRINTED ON A TRENDCOM 200 BY AN APPLE II COMPUTER. THE PRINTOUT TOOK APPROXIMATELY 75 SECONDS.
THE TRENDCOM 200

HERE IS A LISTING

```
1040 HOME
1050 UTAB 5: HTAB 3: PRINT "THIS IS A DEMO OF THE TRENDCOM 200"
1060 UTAB 7: HTAB 2: PRINT "THE REMARKABLY QUIET THERMAL PRINTER"
1070 UTAB 9: HTAB 3: PRINT "WHICH LETS YOU PRINT BOTH TEXT AND"
1080 UTAB 11: HTAB 17: FLASH : PRINT "GRAPHICS": NORMAL
1090 UTAB 13: HTAB 4: PRINT "QUIETLY...QUICKLY...AND RELIABLY"
1095 UTAB 16: HTAB 6: PRINT "<ESC> WILL STOP THE PICTURE)"
1100 UTAB 20: HTAB 9: PRINT "AS YOU ARE ABOUT TO SEE"
1120 GOSUB 450: REM SET UP PRINT PARAMETERS
1130 GOSUB 900: REM POKE PRINT PARAMETERS
1140 CALL - 27904: REM PRINT HIRES
1141 GOSUB 950: REM CHECK KEYBOARD
1145 UTAB 20: HTAB 6: PRINT "THERE, DO YOU RECOGNIZE HIM?"
1149 X = FRE (0)
1150 PRINT D$;P2$
```



Sine function $Y = \sin(X)$ from 0π to 2.5π .

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]

TRENDCOM 200

High-Speed Intelligent Printer



40 characters-per-second

80 characters per line

Upper and lower case

Continuous graphics at 60 dots per inch

Microprocessor controlled

Bidirectional look-ahead printing

Automatic "wrap-around"

Quiet operation

High reliability

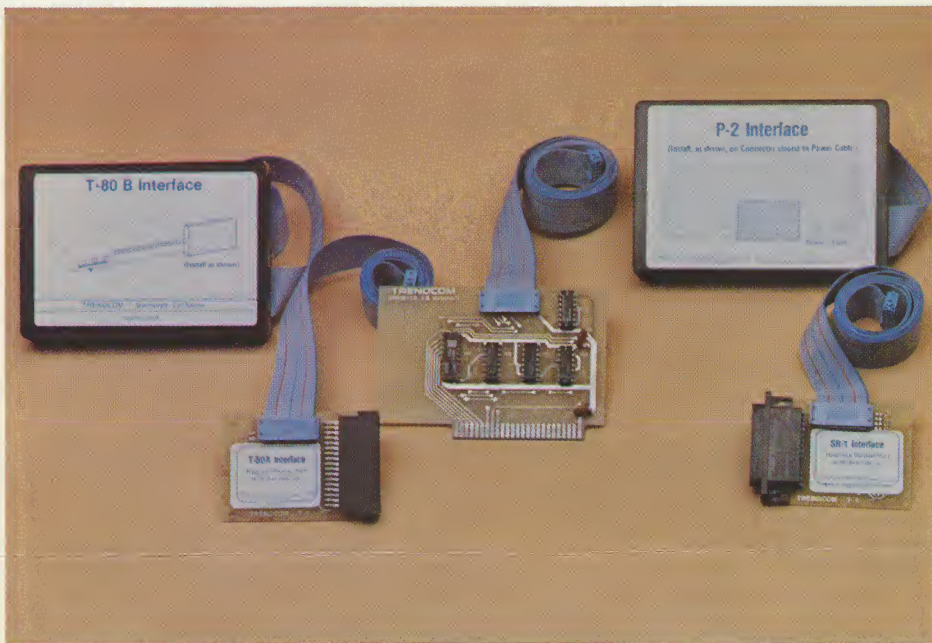
Attractive metal and plastic case

The Trendcom 200 is a high speed thermal printer offering the combination of text printing at 80 characters per line and continuous graphics at 60 dots per inch. In the text mode, upper and lower case data are printed at 40 characters per second. The 5 x 7 characters provide clear readable copy on white paper; no hard to find, hard to read aluminized paper.

In the graphics mode, seven bits of each byte correspond to the seven dots in each of the 480 print positions per line. Since the computer driving the printer has full control over every print position, it can print graphs, bar charts, line drawings, even special and foreign language symbols. Despite its low cost, the Trendcom 200 is a true in-

telligent printer with full line buffering and bidirectional look-ahead printing. After one line has been printed left to right, the internal microprocessor examines the next line to choose the shortest print direction. The microprocessor also provides a built-in self-test mode for easy verification of proper operation.

High reliability is designed in: The thick film thermal print head has a life expectancy of 100,000,000 characters. Two DC stepping motors provide positive control of the print head and the paper drive, the printer's only driven parts. The absence of gears and solenoids also makes the printer extremely quiet; the only noise is the rustling of the paper advancing.



Left to right: Trendcom interfaces for TRS-80 (with and without Expansion Interface), Apple II, PET, and Sorcerer.*

INTERFACING

Interfacing the Trendcom 200 is easy. The TTL-compatible input will work with the eight-bit parallel ports of many microcomputers. For the non-technical computerist, Trendcom offers "plug in and go" interface modules for the most popular microcomputers.

TRS-80: The T-80A is an interface cable for the TRS-80 user with Expansion Interface. The T-80B plugs directly into the TRS-80 and both modules recognize the Level II LLIST and LPRINT commands.

Apple II: The A-II interface plugs into any slot in the Apple and incorporates print driver routines in ROM for the usual PR#n commands. An optional version, A-IIG, will incorporate additional firmware to allow printing Apple's Hi-Res data simply by Basic language CALL's.

PET: The P-2 interface connects to the PET's IEEE 488 connector as

Device 4 and is compatible with PET's CMD and OPEN commands. A through connector is provided to allow connecting other IEEE peripherals.

Sorcerer: The SR-1 interface cable allows direct connection to the Sorcerer's parallel printer port.

For serial communications, an RS-232 interface will be introduced in late 1979 to provide EIA level conversion and serial-to-parallel conversion.

ORDERING INFORMATION

The Trendcom 200, Interfaces, and Paper are available from Trendcom dealers throughout the U.S. and most European countries. Contact Trendcom for the address of a nearby dealer.

Trendcom 200 Specifications

TEXT

Format 80 characters per eight inch line
6 lines per inch nominal

Print speed 40 characters per second

Line Feed 50 milliseconds nominal

Character Set 96 characters, including upper and lower case, numerals, and symbols.

GRAPHICS

Format 480 seven-dot print positions per line

Print Speed 240 print positions per second

Control Codes Hex 9E clears buffer, causes line feed and carriage return, and starts graphics mode.

Hex 9F clears buffer, causes carriage return, and starts text mode.

COMMON

Interface Parallel TTL-compatible via 20-pin "ribbon cable" type connector. Eight data lines, Strobe input and Busy output. Printer does not accept data while last line is printing.

Paper 8½ inch wide thermal paper, available from Trendcom dealers in 85 foot rolls, black image on white.

Power 115 VAC, 60 Hz, 20 watts (230 VAC and 50 Hz available)

Dimensions 12½"W x 10"D x 2¾"H (31.7cm x 25.4cm x 7cm)

Weight 8 lbs (3.6 kg).

Specifications subject to change without notice.

available from:

*TRS-80 is a trademark of Tandy Corporation
Apple II is a trademark of Apple Computer, Inc.
PET is a trademark of Commodore Business Machines, Inc.
Sorcerer is a trademark of Exidy Corporation

TRENDCOM 100

High-Speed Intelligent Printer



40 characters-per-second

40 characters per line

Upper and Lower case

Microprocessor controlled

**Bidirectional look-ahead
printing**

Automatic "wrap-around"

Quiet operation

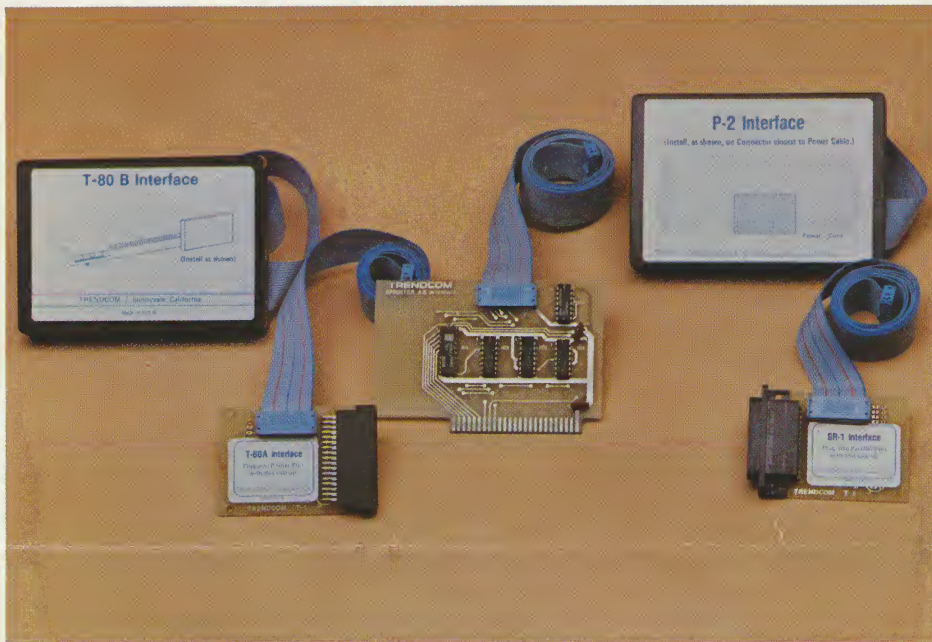
High reliability

**Attractive metal and plastic
case**

The Trendcom 100 is a high-performance thermal printer featuring 40 character-per-second printing of both; upper and lower case data. Large, legible characters are printed at up to 40 characters per line and lines of over 40 characters are automatically wrapped-around with no loss of data. The 5 x 7 characters provide clear readable copy on white paper; no hard to find, hard to read aluminized paper.

Despite its low cost, the Trendcom 100 is a true intelligent printer with full line buffering and bidirectional look-ahead printing. After one line has been

printed left to right, the internal microprocessor examines the next line to choose the shortest print direction. The microprocessor also provides a built-in self-test mode for easy verification of proper operation. High reliability is designed in. The thick film thermal print head has a life expectancy of 100,000,000 characters. Two DC stepping motors provide positive control of the print head and the paper drive, the printer's only driven parts. The absence of gears and solenoids also makes the printer extremely quiet; the only noise is the rustling of the paper advancing.



Left to right: Trendcom interfaces for TRS-80 (with and without Expansion Interface), Apple II, PET, and Sorcerer*

INTERFACING

Interfacing the Trendcom 100 is easy. The TTL-compatible input will work with the eight-bit parallel ports of many microcomputers. For the non-technical computerist, Trendcom offers "plug in and go" interface modules for the most popular microcomputers.

TRS-80: The T-80A is an interface cable for the TRS-80 user with Expansion Interface. The T-80B plugs directly into a TRS-80 and both modules recognize the Level II LLIST and LPRINT commands.

Apple II: The A-II interface plugs into any slot in the Apple and incorporates print driver routines in ROM for the usual PR#n commands.

PET: The P-2 interface connects to the PET's IEEE 488 connector as Device 4 and is compatible with PET's CMD and OPEN commands. A through connector is provided to allow connecting other IEEE peripherals.

Sorcerer: The SR-1 interface cable allows direct connection to the Sorcerer's parallel printer port.

Trendcom 100 Specifications

- Format** 40 characters per four-inch line.
6 lines per inch nominal
- Print Speed** 40 characters per second
- Line Feed** 50 milliseconds nominal
- Character Set** 96 characters including upper and lower case, numerals, and symbols.
- Interface** Parallel TTL-compatible via 20-pin "ribbon cable" type connector. Eight data lines, Strobe input and Busy output. Printer does not accept new line data while last line is printing.
- Paper** 4-7/16 inch wide thermal paper, available from Trendcom dealers in 85 foot rolls, blue image or black image on white.
- Power** 115 VAC, 60 Hz, 20 watts (230 VAC and 50 Hz available)
- Dimensions** 8"W x 10"D x 2 3/4"H. (20.3cm x 25.4cm x 7cm).
- Weight** 7 lbs (3.2 kg).

ORDERING INFORMATION

The Trendcom 100, Interfaces, and Paper are available from Trendcom dealers throughout the U.S. and most European countries. Contact Trendcom for the address of a nearby dealer.

Specifications subject to change without notice.

available from:

* TRS-80 is a trademark of Tandy Corporation.
Apple II is a trademark of Apple Computer, Inc.
PET is a trademark of Commodore Business Machines, Inc.
Sorcerer is a trademark of Exidy Corporation.

February 1, 1980

SUGGESTED RETAIL PRICES

TRENDCOM

<u>Product</u>	<u>Price</u>
Trendcom 100 Printer (includes manual and one roll of paper)	\$375
Trendcom 200 Printer (includes manual and one roll of paper)	595
T-80A Interface (requires Radio Shack Expansion Interface)	45
T-80B Interface (connects directly to TRS-80*)	75
A-II Interface for Apple II*	75
A-IIG Interface (with expanded ROM for simplified graphics printing)	100
P-2 Interface for Commodore PET*	75
SR-1 Interface for Exidy Sorcerer*	45
R-232 Interface	available mid 1980
IC-1 Printer Connector with 3 foot cable	10
Thermal Paper for Trendcom 100	
Blue Image, single roll (80 feet)	2.75
Blue Image, carton of 16 rolls	40
Black Image, single roll (80 feet)	2.75
Black Image, carton of 16 rolls	40
Thermal Paper for Trendcom 200	
Black Image, single roll (80 feet)	4.50
Black Image, carton of ten rolls	42

OEM DISCOUNT SCHEDULE

OEM discounts are available to bona fide OEM customers, that is, companies that manufacture a product or system into which the above items are to be incorporated. The discounts shown below are based upon the number of printers supplied over a twelve month period and apply only to printers and interfaces:

First through 9th unit	list
10th through 25th unit	5%
26th through 50th unit	10%
51st unit and above	15%

*TRS-80 is a trademark of Tandy Corp.; Apple II is a trademark of Apple Computer; PET is a trademark of Commodore Business Machines, Inc.; Sorcerer is a trademark of Exidy Corp.

TRENDCOM

PARTIAL DEALER LISTING

NORTHEASTERN U.S.

NEW HAMPSHIRE

AUDIO OF NEW ENGLAND
777 S. Willow Street
Manchester, NH 03103

BITZNBYTES COMPUTER CENTER
56-B Pleasant Street
Concord, NH 03301

COMPUTER CITY
1525 S. Willow Street
Manchester, NH 03103

COMPUTER MART OF NH
170 Main Street
Nashua, NH 03060

COMPUTER TOWN
304 S. Broadway Rt. 28
Salem, NH 03079

PORTSMOUTH COMP. CENTER
31 Raynes Avenue
Portsmouth, NH 03801

NEW JERSEY

BRIELLE COMPUTER STORE
Higgins & Ashley
Brielle, NJ 08730

COMPUTER CORNER OF NJ
439 Route 23
Pompton Plains, NJ

COMPUTER EMPORIUM
BLDG. 103 Ave. of Commerce
Cherry Hill, NJ 08002

COMPUTER ENCOUNTER
2 Nassau Street
Princeton, NJ 08540

COMPUTER MART OF NJ
501 Rte. 27
Iselin, NJ 08830

COMPUTER NOOK
Pine Brook Plaza Rte.46
Pine Brook, NJ 070058

MSM OPTICAL & ELECTRONICS
31 W. Main Street
Marlton, NJ 08053

PERSONAL COMPUTING, INC.
51 Central Square
Linwood, NJ 08221

SHORE COMPUTERS
3 Washington Street
Toms River, NJ 08753

STONEHENGE COMPUTER
89 Summit Avenue
Summit, NJ 07901

CONNECTICUT

COMPUTERLAB OF CT
130 Jefferson Avenue
New London, CT 06320

COMPUTERLAB OF CT
243 West Main Street
Niantic, CT 06357

THE COMPUTER STORE
21 Atlantic Street
Stamford, CT 06901

THE COMPUTER STORE
63 South Main Street
Windsor Locks, CT 06096

THE COMPUTER STORE
683 Silas Deane Highway
Wethersfield, CT 06109

COMPUTER WORKS
1439 Post Road East
Westport, CT 06880

DIVERSIFIED ELECTRONICS
2 Amity Road
New Haven, CT 06525

JRV COMPUTER STORE
3714 Whitney Avenue
Hamden, CT 06518

MICROCOMPUTER STORE
1 Danbury Road
Wilton, CT 06897

TECHNOLOGY SYSTEMS
208 Greenwood Avenue
Bethel, CT 06801

VERMONT

COMPUTER MART OF VERMONT
159 Pearl Street
Essex Junction, VT 05452

ELECTRONIC APPLICATIONS
36 Merchants Row
Rutland, VT 05701

RHODE ISLAND

THE COMPUTER STORE
1500 Oaklawn Avenue
Cranston, RI 02910

THE COMPUTER STORE
740 North Main Street
Providence, RI 02904

DIGITAL WORLD
329 Bald Hill Road
Warwick, RI 02886

COMPUTER CITY
165 Angell Street
Providence, RI 02906

MAINE

HARPER ELECTRONICS
114-2S Commercial Street
Portland, ME 04101